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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

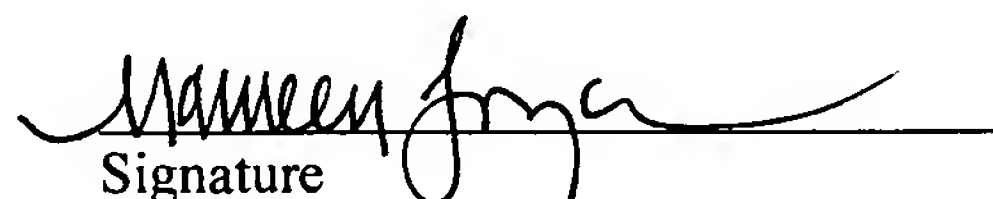
Applicant: Jackie Y. Ying, et al.  
Serial No: 10/044,801  
Confirmation No: 4734  
Filed: January 11, 2002  
For: NANOCRYSTALLINE APATITES AND COMPOSITES,  
PROSTHESES INCORPORATING THEM, AND METHOD  
FOR THEIR PRODUCTION

Examiner: Koslow, Carol M.  
Art Unit: 1755

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

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Signature

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE**

Sir:

In response to the Office Communication mailed January 15, 2004, Applicants present the following remarks.

**Amendments to the Specification** begin on page 2 of this response.

**Amendments to the Claims** are reflected in the listing of claims that begins on page 3 of this response.

**Remarks** begin on page 10 of this response.